

	INTERNATIONAL SEARCH REPOR	T	ł	Application No	
			PCT/ up	03/03514	
A. CLASSI IPC 7	FICATION OF SUBJECT MATTER H01L21/20				
According to	o International Patent Classification (IPC) or to both national classifica	ition and IPC			
	SEARCHED				
IPC 7	ocumentation searched (classification system followed by classification H01L	on symbols)			
Documental	lion searched other than minimum documentation to the extent that s	uch documents are incl	luded in the fiek	ds searched	
Electronic d	ata base consulted during the international search (name of data bas	e and, where practica	I, search terms i	used)	
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT				
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages		Relevant to claim No.	
Y	WO 01 01465 A (MASSACHUSETTS INST TECHNOLOGY) 4 January 2001 (2001- page 28, line 2-10; examples 12-1	01-04)		1-21	
Y	US 2002/017642 A1 (SHIONO ICHIRO 14 February 2002 (2002-02-14) cited in the application the whole document	ET AL)		1-21	
Y	US 5 410 167 A (SAITO JUNJI) 25 April 1995 (1995-04-25) column 6, line 28 -column 7, line figures 1,2,5	52;		1-21	
Y	US 5 238 869 A (SHICHIJO HISASHI 24 August 1993 (1993-08-24) column 2, line 26-40; claims; fig 	-		1-21	
	handaumanta and linted in the conditional in a filter of			about in constru	
	her documents are listed in the continuation of box C.	X Patent family	members are li	sted in annex.	
A docume	ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international	or priority date an cited to understar invention "X" document of partic	nd not in conflict nd the principle c cular relevance;	International filing date with the application but or theory underlying the the claimed invention	
L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or document is com			ive step when th cular relevance; lered to involve a bined with one o	unnot be considered to e document is taken atone the claimed invention an inventive step when the or more other such docu- bvious to a person skilled	
'P' docume later th	tent family				
Date of the	actual completion of the international search	Date of mailing of		al search report	
ļ	2 December 2003	22/12/2003			
Name and r	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Wolff, G			



PCT, up 03/03514

	PCT, up 03/03514			
ation) DOCUMENTS CONSIDERED TO BE RELEVANT				
Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.			
US 5 272 105 A (YACOBI BEN G ET AL) 21 December 1993 (1993-12-21) column 3, line 43-65; figure 2	1-21			
EP 1 052 684 A (TOYODA GOSEI KK) 15 November 2000 (2000-11-15) figures 1,3,4	1-21			
US 5 108 947 A (VAN DAELE PETER P ET AL) 28 April 1992 (1992-04-28) column 4, line 19 -column 7, line 7; figures 5,7,8	1–21			
GB 2 215 514 A (PLESSEY CO PLC) 20 September 1989 (1989-09-20) figures	1–21			
	· .			
	US 5 272 105 A (YACOBI BEN G ET AL) 21 December 1993 (1993-12-21) column 3, line 43-65; figure 2 EP 1 052 684 A (TOYODA GOSEI KK) 15 November 2000 (2000-11-15) figures 1,3,4 US 5 108 947 A (VAN DAELE PETER P ET AL) 28 April 1992 (1992-04-28) column 4, line 19 -column 7, line 7; figures 5,7,8 GB 2 215 514 A (PLESSEY CO PLC) 20 September 1989 (1989-09-20)			



Interna Il Application No PCT/ LL 03/03514

Patent document	T	Publication		Patent family		Publication
cited in search report		date		member(s)		date
WO 0101465	Α	04-01-2001	EP	1192646		03-04-2002
			EP	1192647		03-04-2002
			TW	484234	В	21-04-2002
			TW	449834	В	11-08-2001
			WO	0101466	A1	04-01-2001
			WO	0101465	A1	04-01-2001
			US	6352942	B1	05-03-2002
			US	6635110	B1	21-10-2003
US 2002017642	A1	14-02-2002	JP	2002118254	–––– A	19-04-2002
			CN	1336684		20-02-2002
,			DE	10137369	A1	25-04-2002
			TW	517284		11-01-2003
US 5410167	Α	25-04-1995	JP	3286920	 В2	27-05-2002
			ĴΡ	6029213		04-02-1994
			FR	2693593		14-01-1994
			US	5622891		22-04-1997
US 5238869	 А	24-08-1993	US	5959308	––––- A	28-09-1999
			ĒΡ	0352472		31-01-1990
			JP	2161718		21-06-1990
US 5272105	Α	21-12-1993	US	5079616	 А	07-01-1992
			ΕP	0328405		16-08-1989
EP 1052684	Α	15-11-2000	JP	2000323417	 А	24-11-2000
			EP	1052684		15-11-2000
			ŪS	2002179005		05-12-2002
			US	6645295		11-11-2003
US 5108947	Α	28-04-1992	EP	0380815	––––– A1	08-08-1990
		· - · - ·	DE	68915529 I		30-06-1994
			DE	68915529		01-12-1994
			JP	2954958 1		27-09-1999
			JP	3114222		15-05-1991
GB 2215514	 А	20-09-1989	NONE			